



A Leader in Custom Toll Blending and Performance Enhancement

# Silica Sand and Gravel: Serena, Illinois

Black Lab offers a wide range of blended sand and gravel grades to meet performance requirements in systems formulated for construction, flooring, transportation, sports and recreation, and more. In addition to our pre-blended aggregate grades, Black Lab is also one of North America's largest custom toll blenders of conventional aggregates and other dry granular materials. Our blending services are backed by state-of-the-art equipment, industry-leading technical capabilities, custom packaging, and logistics services throughout North America.



Typical Silica Sand Grades - Very Coarse to Fine Sand, Round Grain Shape

Mesh						Pro	duct Gra	ıde				
	1630	2035	480	460	430	420	410	530	520	510	730	BLC 110
12												
16	2											
20	80	3										
30	18	72	13	1	Т	Т						
40	Т	25	74	61	31	19	11	1	1			T
50		Т	12	34	45	38	31	26	22	9	2	2
70			1	4	19	28	33	40	36	28	15	3
100				Т	4	12	18	24	28	41	48	20
140					1	3	6	8	11	18	29	41
200						Т	1	1	2	4	6	24
270										Т	Т	8
Pan												2
AFS Grain Fineness Number			30	34	40	46	51	57	60	70	80	112
Shape	R	R	R	R	R	R	R	R	R	R	R	R

Note: Bold indicates product inventory—subject to change.

Key for Table Above:

A Angular S Sub-Round/Angular R Round

## Typical Chemical Analysis and Physical Properties

	Coarse	Medium	Fine
% SiO <sub>2</sub>	99.75	99.65	99.51
% Al2O <sub>3</sub>	0.055	0.065	0.12
% Fe2O <sub>3</sub>	0.016	0.018	0.035
% TiO <sub>2</sub>	0.010	0.011	0.016
% CaO	0.011	0.012	0.02
% MgO	0.008	0.009	0.018
% Clay	0.15	0.18	0.29
% Loss on Ignition	0.058	0.072	0.085
рН	7	7.1	7.4
Acid Demand Value	0.5	0.8	1.7
Grain Shape	Round	Round	Round

## WARNING:

## Inhalation May Cause Lung Damage

THIS PRODUCT CONTAINS RESPIRABLE SILICA, "quartz" (CAS #14808-60-7). Long term or repeated inhalation of respirable crystalline silica can cause fibrosis or scar tissue in the lungs (Silicosis). The International Agency for Research on Cancer (IARC) concluded that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1).

This product is not intended for, and is strictly prohibited for sandblasting.

For additional information on this product, refer to the Material Safety Data Sheet (MSDS), or contact 800.258.3878.



#### Corporate:

11730 Ravenna Road, Chardon, Ohio 44024 800.258.3878 • blacklabinfo@fmsand.com

#### Shipping:

3624 E. 2351<sup>ST</sup> Road, Serena, IL 60549

FairmountMinerals.com/BlackLab